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ABSTRACT

A computer readable memory to direct a computer to improve the perceived audio quality of a speaker included in that computer. The computer readable memory stores a first, second and third set of instructions. The first set of instructions causes the computer to determine the speaker type. The second set of instructions causes the computer to select a set of default filter coefficients for a digital filter based upon the speaker type. Finally, the third set of instructions causes the computer to realize a digital parametric equalizer using a digital filter and the set of default filter coefficients. Thus, the digital filter alters the audio signal that is input to the speaker, thereby improving the perceived quality of the speaker.

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